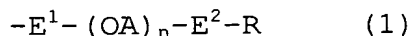


## CLAIMS:

1. An allergen inactivating agent comprising a polysaccharide derivative as its effective component, wherein said polysaccharide derivative has a cellulose ether or a starch ether as its backbone, and some or all of hydrogen atoms in the hydroxy group of the polysaccharide derivative are substituted by a group represented by the following general formula (1):



wherein  $E^1$  represents an alkylene containing 1 to 6 carbon atoms optionally substituted with hydroxy group or oxo group;  $n$  represents a number of 0 to 50;  $A$  independently represents an alkylene containing 1 to 6 carbon atoms, the number of  $A$  being  $n$ ;  $E^2$  represents ether bond or oxycarbonyl group;  $R$  represents an alkyl group containing 4 to 30 carbon atoms optionally substituted with hydroxy group, a sulfoalkyl group containing 1 to 5 carbon atoms optionally substituted with hydroxy group, or a salt thereof.

2. The allergen inactivating agent according to claim 1 wherein said allergen is selected from plant allergen, animal allergen, fungi, bacterium, and house dust.

3. The allergen inactivating agent according to claim 1 or 2 wherein said cellulose ether or starch ether is hydroxyethyl cellulose.

4. The allergen inactivating agent according to any one of claims 1 to 3 wherein the allergen inactivating agent is the one which detoxicates mite or pollen allergen.

5. The allergen inactivating agent according to any one of claims 1 to 3 wherein the allergen inactivating agent is the one which blocks mite or pollen allergen.

6. The allergen inactivating agent according to any one of claims 1 to 5 wherein the allergen inactivating agent is an aerosol sprayed on a mask.

7. A mask containing an allergen inactivating agent of any one of claims 1 to 3.

8. A sheet containing an allergen inactivating agent of any one of claims 1 to 3 wherein said sheet is used for a mask.

9. A cosmetic product wherein allergens have been inactivated, said cosmetic product containing an allergen inactivating agent of any one of claims 1 to 3.

10. Use of the polysaccharide derivative of claim 1 for producing an allergen inactivating agent.

11. A method for inactivating allergen wherein allergen-existing environment is treated with the polysaccharide derivative of claim 1.